



SKYLARK™
Cx

PRODUCT SUMMARY

Uniform Country-Wide Precise Positioning

Skylark is a cloud-based GNSS corrections service that enables accurate and reliable precise positioning for location-based products across industries and around the world. Skylark Cx delivers near RTK-level accuracy with uniform coverage and high availability for products and applications that just have to work-everywhere, always.

FEATURED USE CASES



Automotive



GIS



Logistics & Fleet
Management



Outdoor Robots

HIGH PRECISION

3-7 cm accuracy and convergence in seconds, with uniform performance across major markets in North America, Europe, Asia, and Australia.

RELIABLE

Broad coverage and high availability, backed by a carrier-grade network and commercial-grade SLA.

EASY TO DEPLOY

Interoperable with a wide range of third-party components, tested and validated with leading platforms and positioning engines.

GUARANTEED SAFETY

High integrity positioning available for safety-critical products and applications, compliant with ISO 26262 for ASIL-B.

MASS MARKET PROVEN

Scalable to support billions of devices worldwide.



Test network available in Australia. The Skylark GNSS corrections network in China is operated by a third party licensed by the Chinese government.

CORRECTIONS TECHNOLOGY	PPP-RTK
ACCURACY	3-7 cm ⁽¹⁾
CONVERGENCE	< 20 seconds
COVERAGE	Country-wide
STREAM DELIVERY MECHANISM	Over Internet Connection, directly through Skylark or via customer backend
SUPPORTED GNSS SIGNALS	GPS (L1C/A, L2C, L5) Galileo (E1, E5b, E5a) BeiDou (B1I, B2A, B1C, B3I)
SUPPORTED 3RD-PARTY CLIENTS	3rd Party RTK receivers via NTRIP / RTCM
CORRECTIONS AVAILABILITY	99.9% minimum
INTEGRITY	Error bounding and flagging available
INTERFACE	NTRIP 1.0 / 2.0
DATA FORMATS	RTCM 3.2 MSM4 & 5 SSR ⁽²⁾
REFERENCE FRAME	ITRF2020

¹ Actual system performance may vary, dependent but not limited to: use-case dynamics, receiver and antenna characteristics, location of operation.

² Third-party receiver support is coming soon for SSR